

FIG.1A

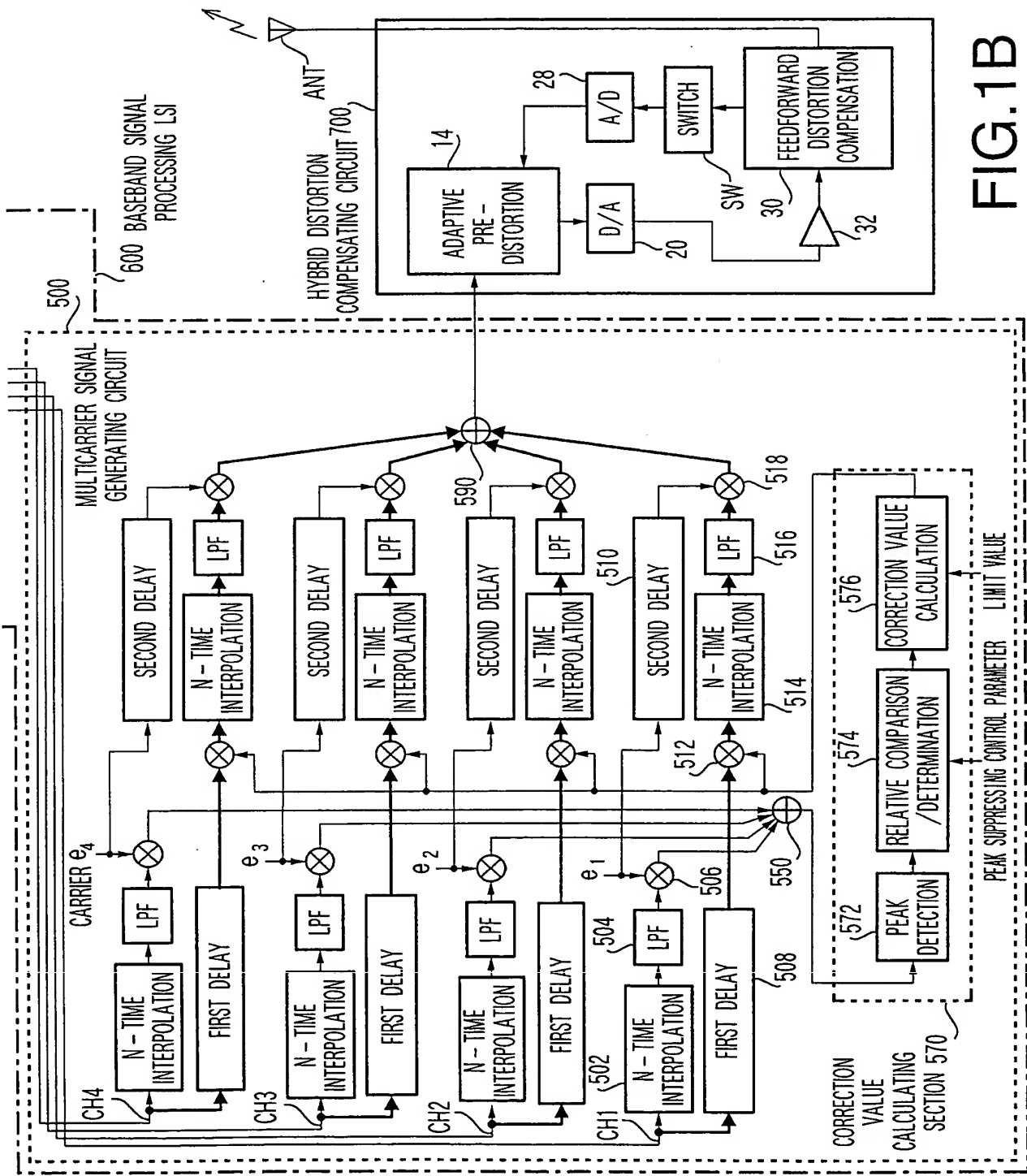


FIG.1B

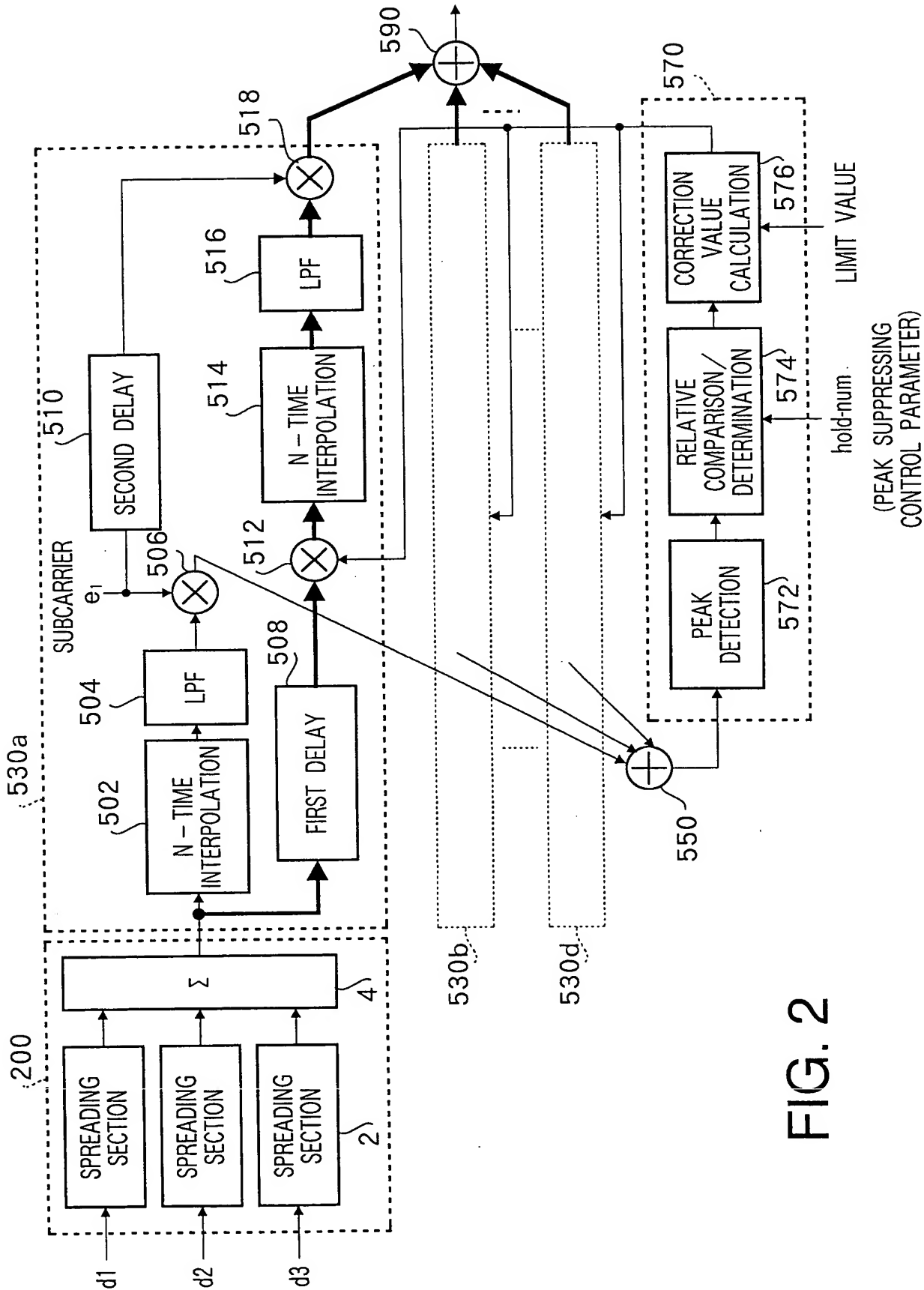


FIG. 2

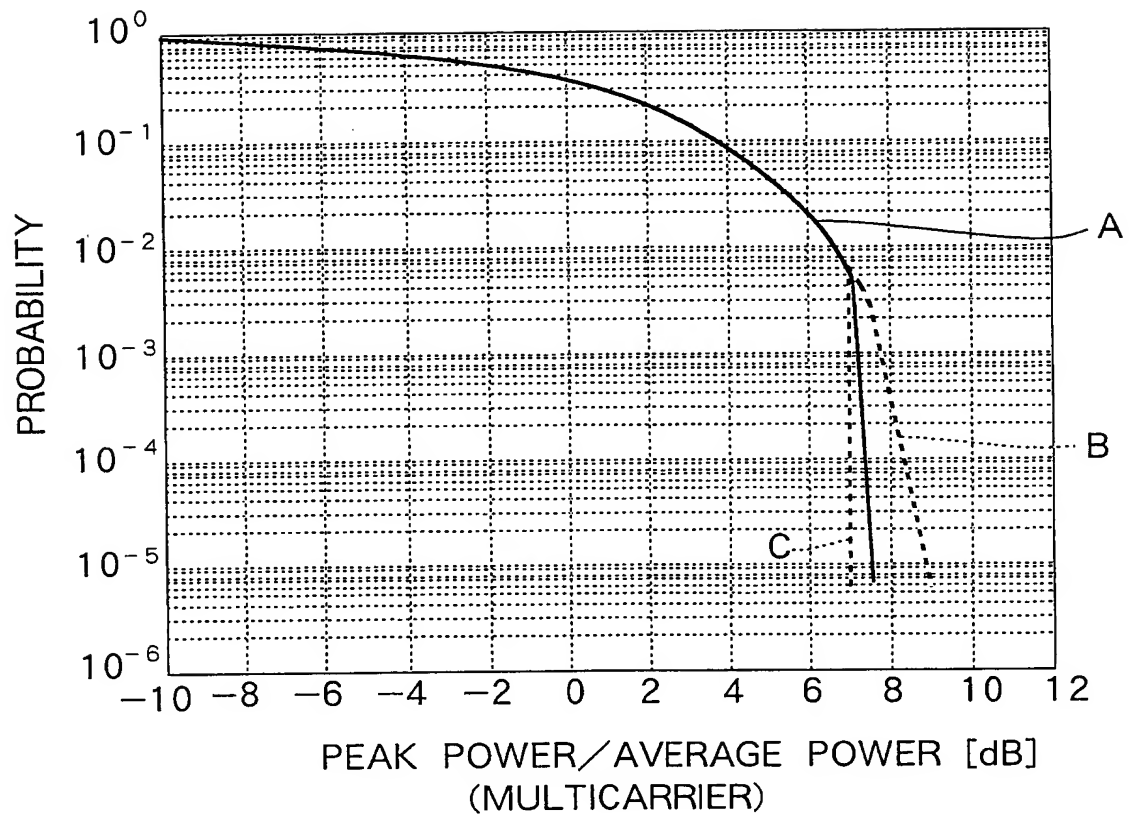


FIG. 3

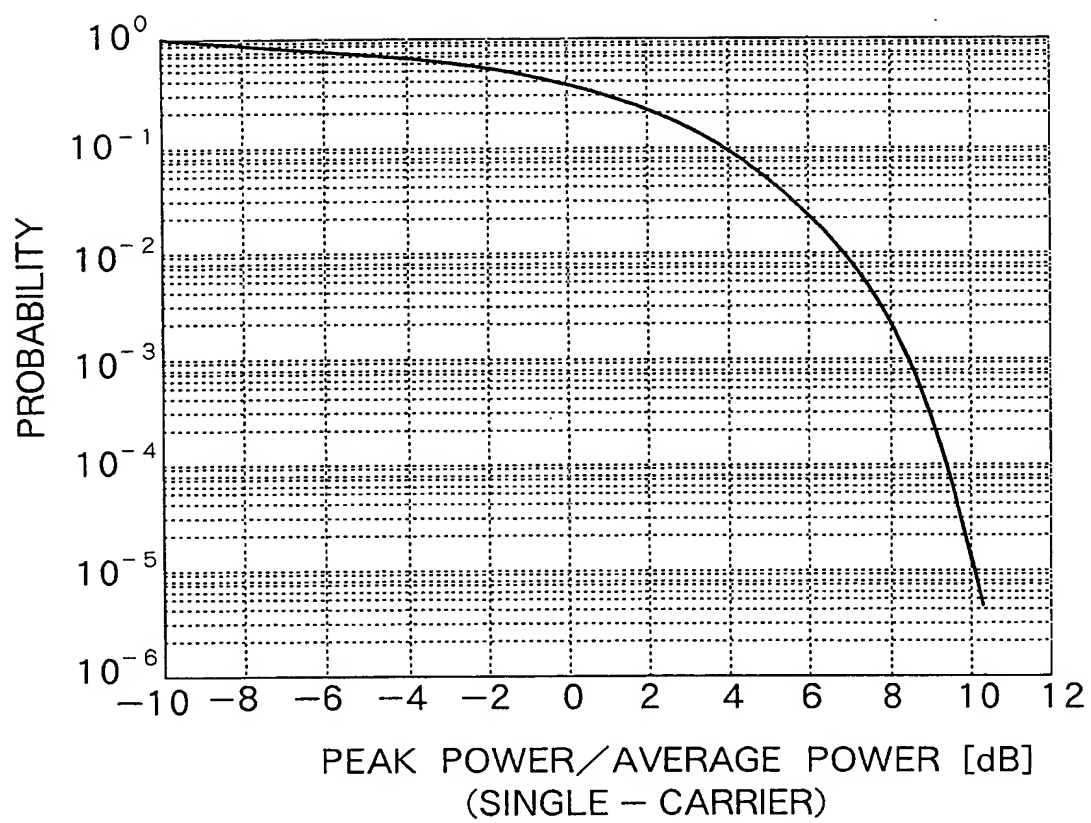


FIG. 4

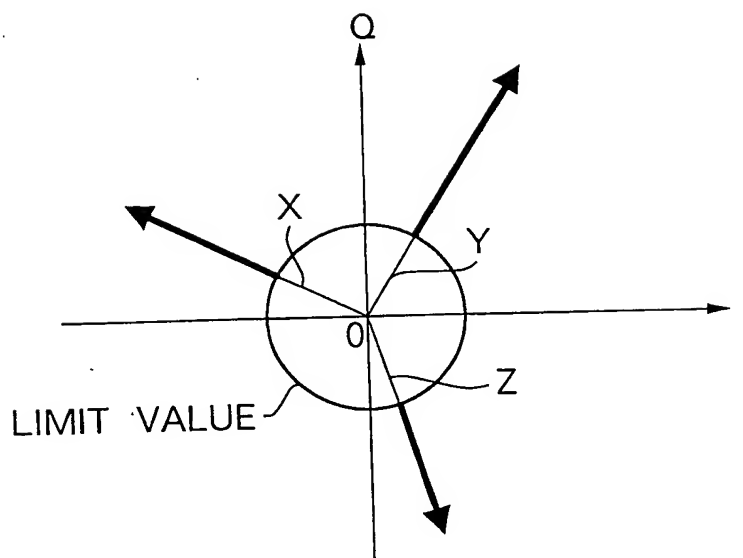


FIG. 5A

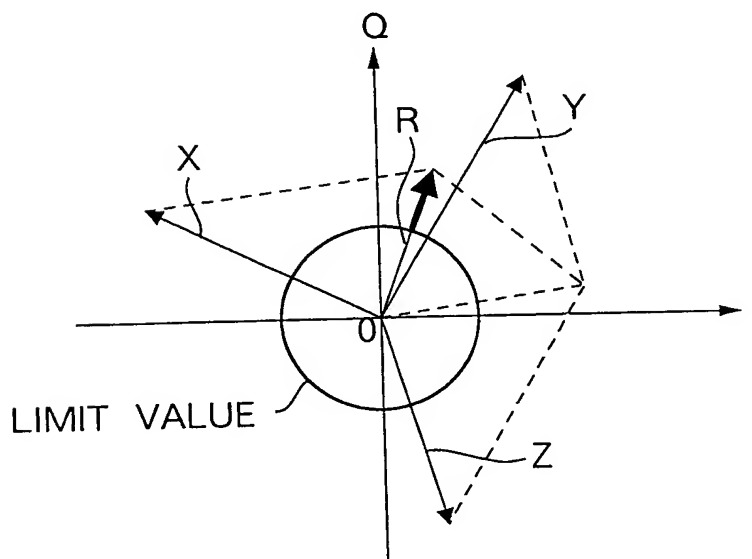
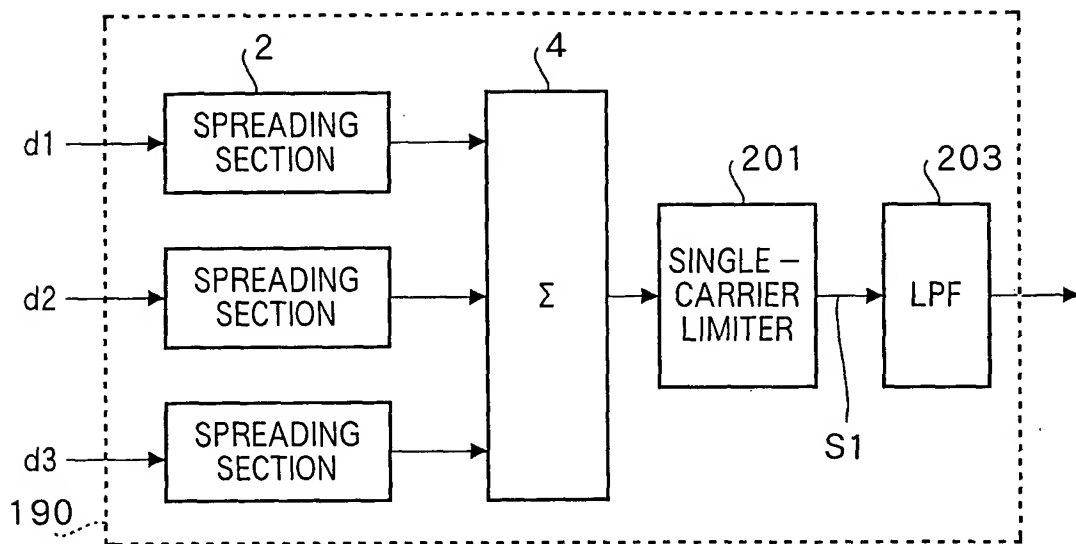


FIG. 5B



PRIOR ART

FIG. 6A

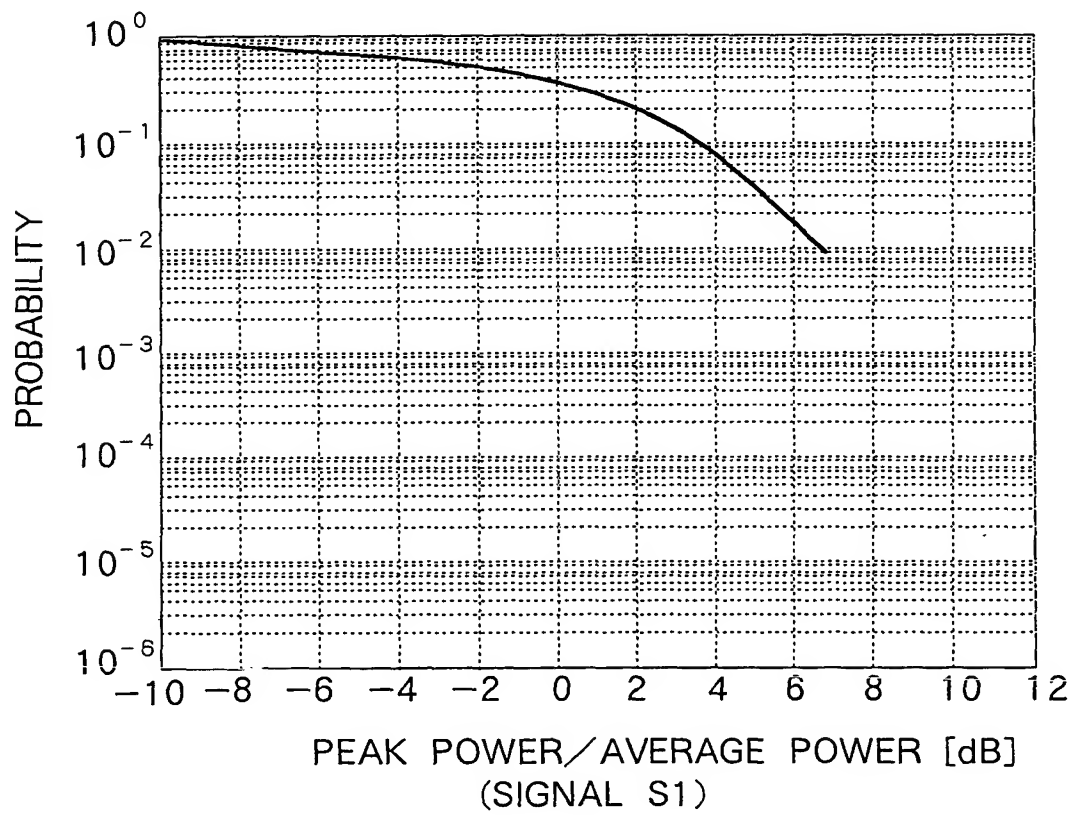
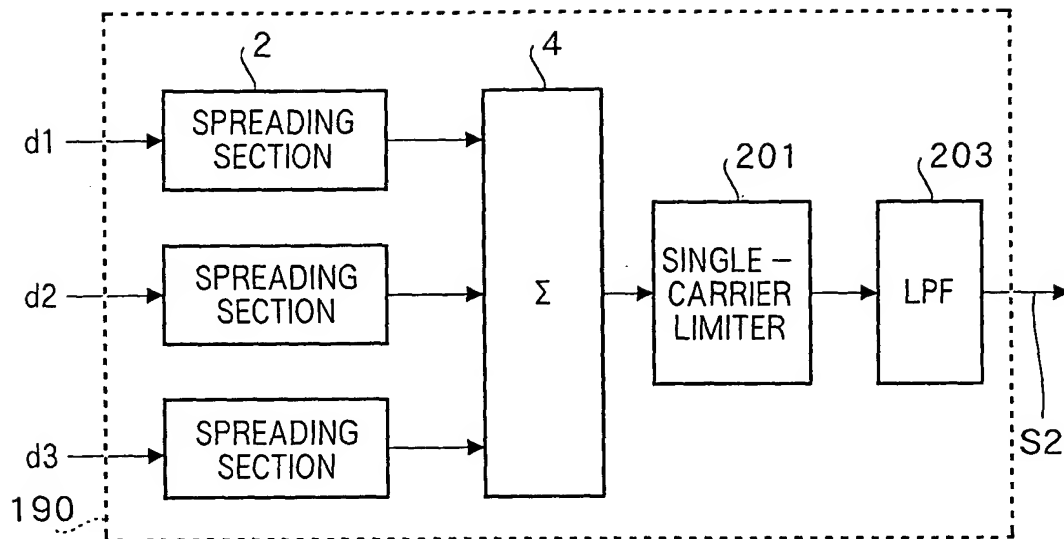


FIG. 6B



PRIOR ART
FIG. 7A

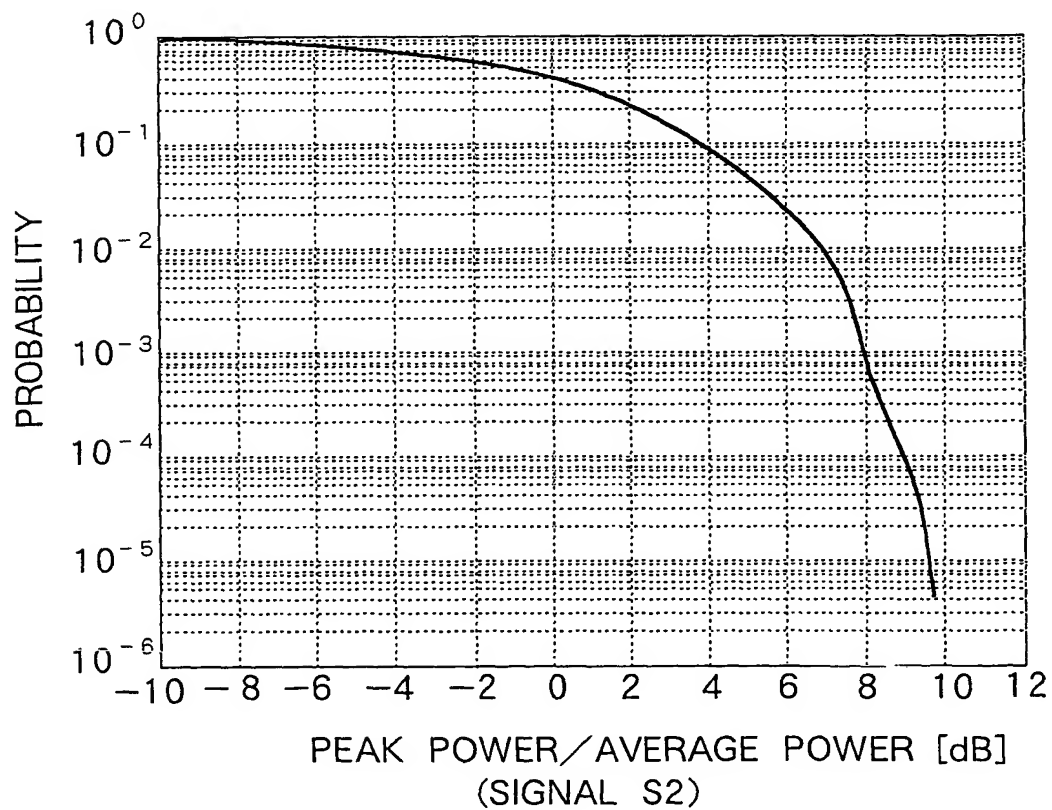
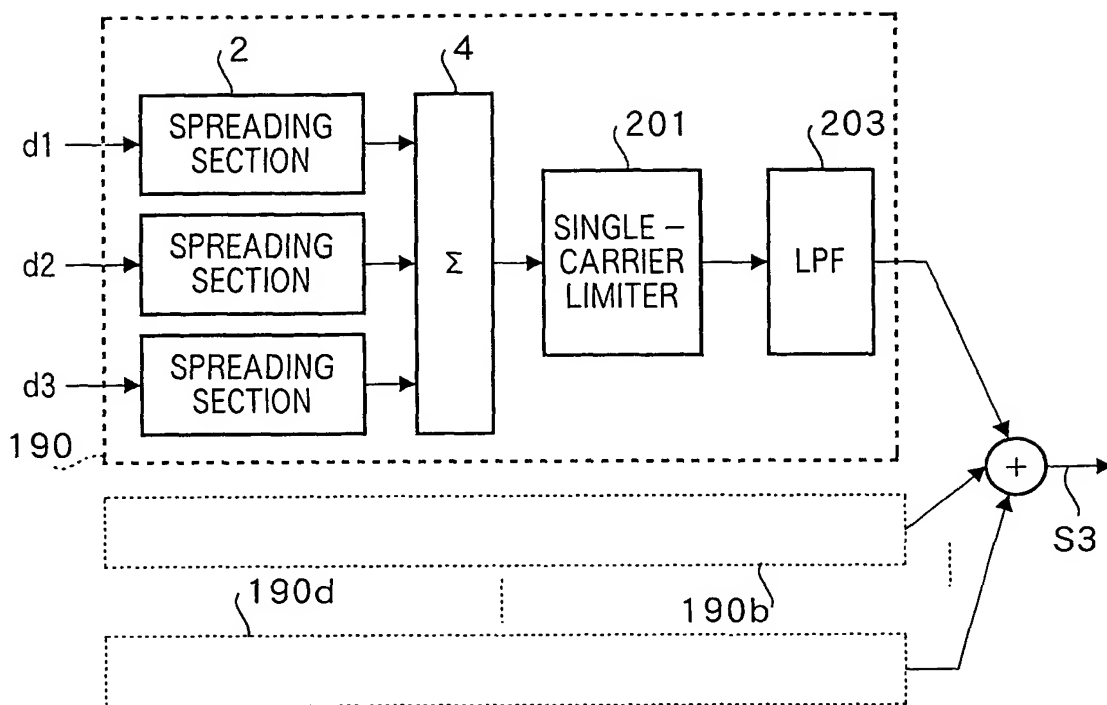


FIG. 7B



PRIOR ART
FIG.8A

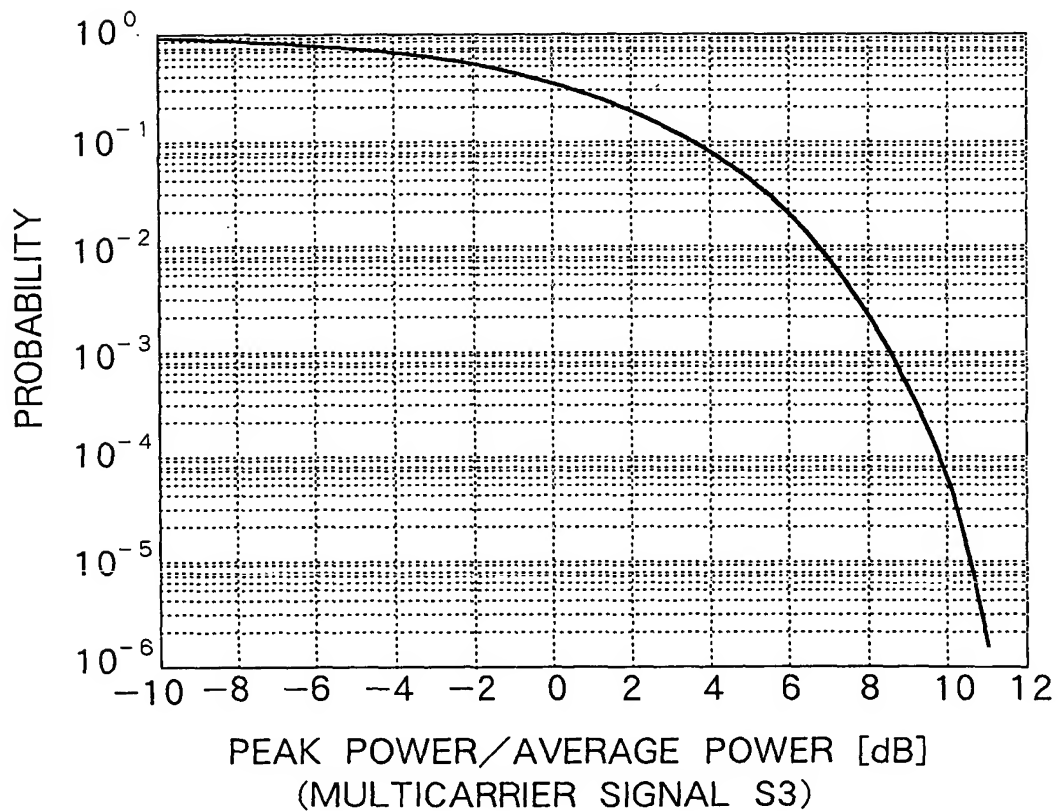


FIG.8B

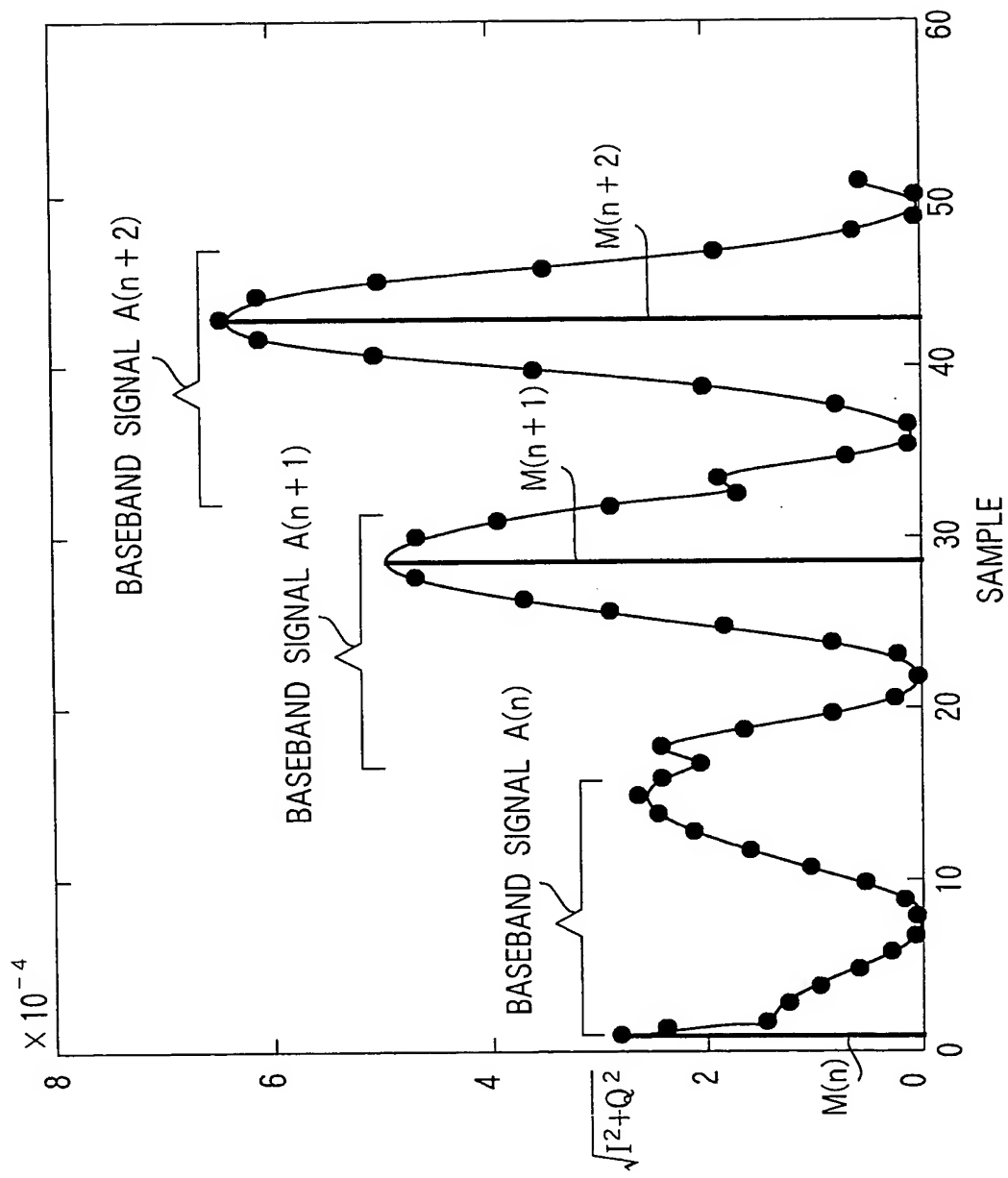
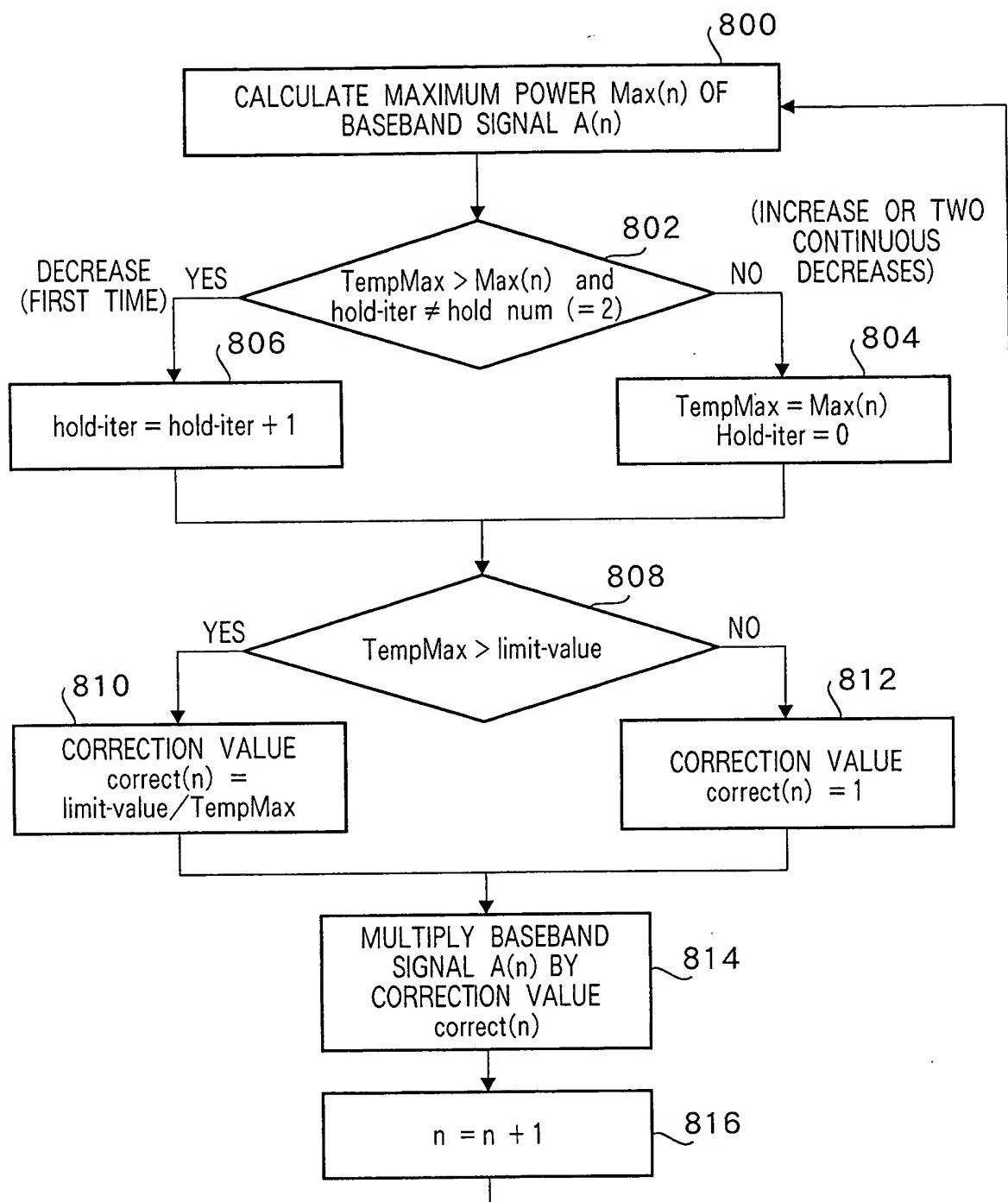


FIG. 9



TempMax : TEMPORAL PEAK VALUE
 Max (n) : PEAK VALUE OF BASEBAND SIGNAL A(n)
 hold-iter : INITIAL VALUE (FIRST,0) OF PEAK SUPPRESSING CONTROL PARAMETER
 hold-num : SET VALUE (= 2) OF PEAK SUPPRESSING CONTROL PARAMETER
 limit-value : LIMIT VALUE (THRESHOLD FOR DETERMINATION IN PEAK LIMIT OPERATION)

FIG.10

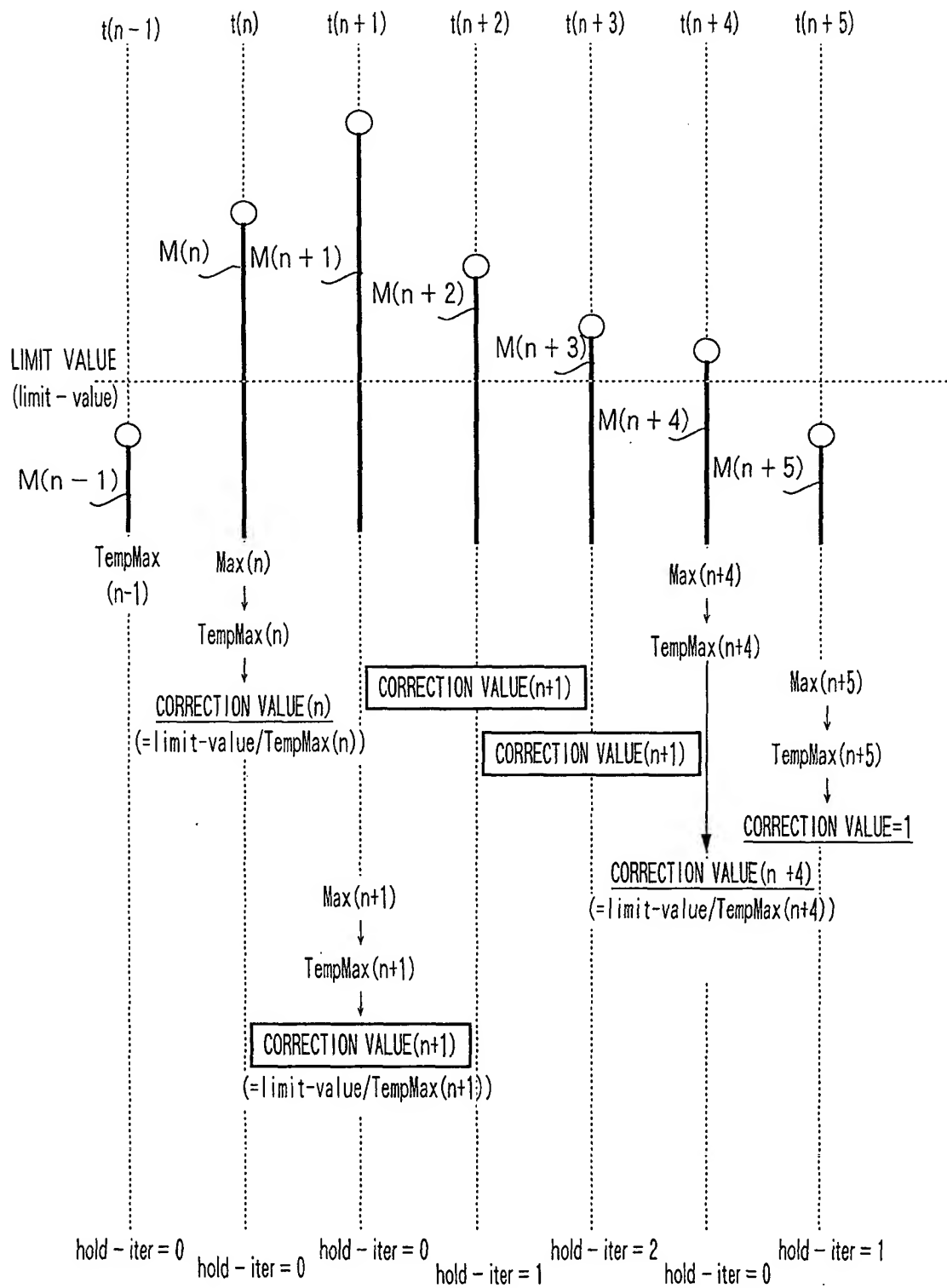


FIG.11

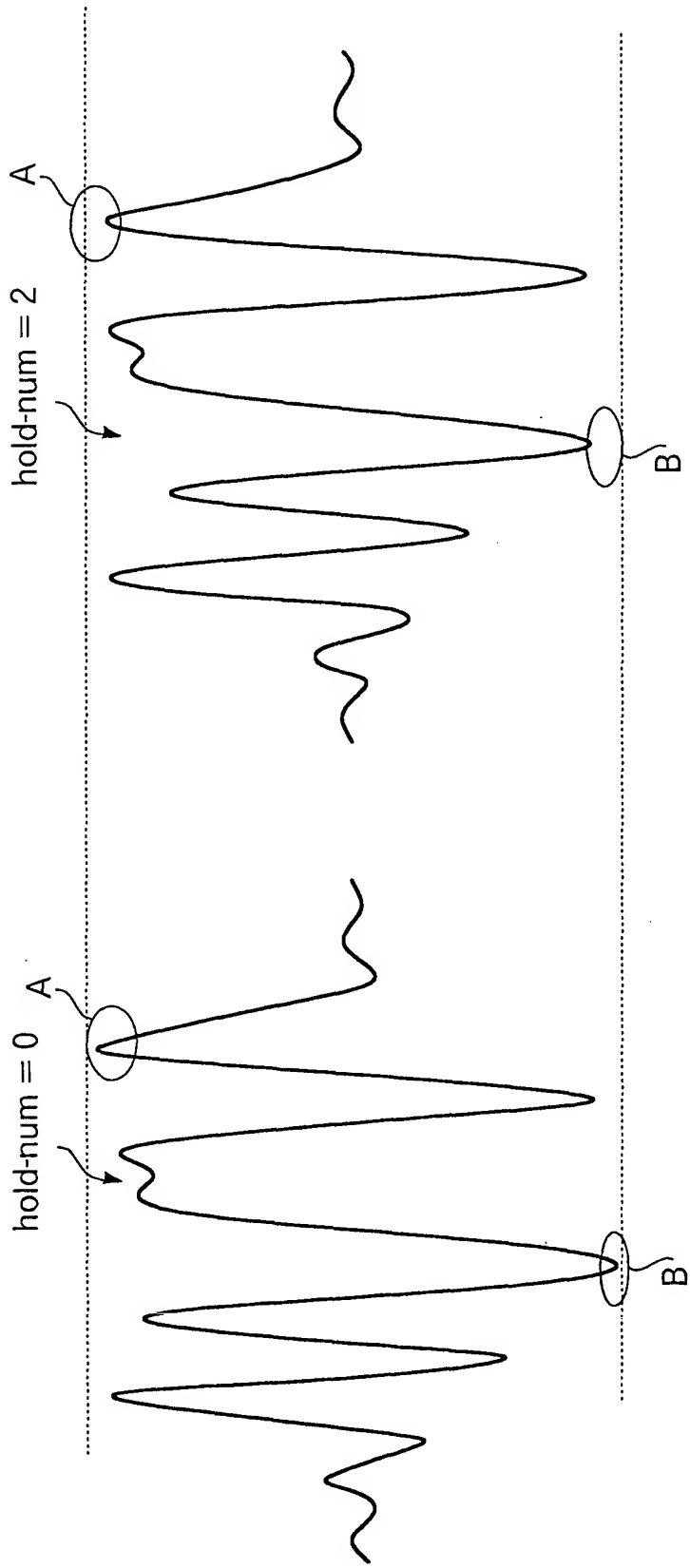


FIG.12

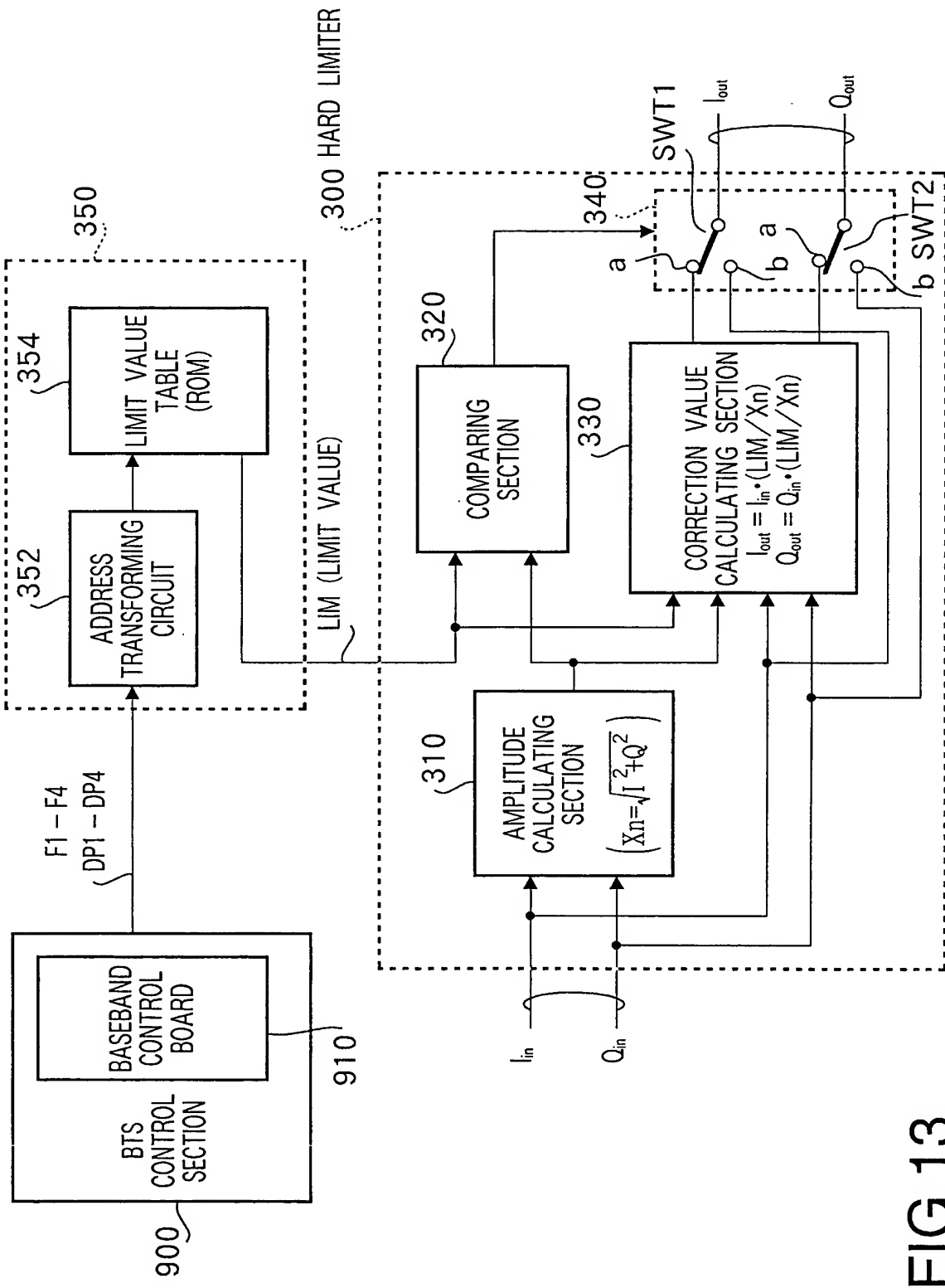


FIG.13

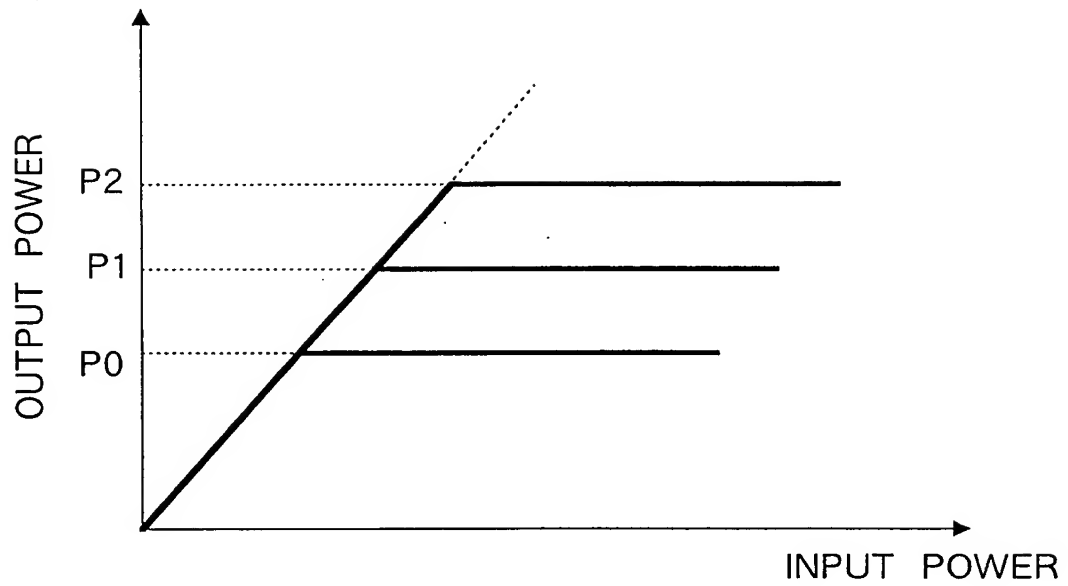
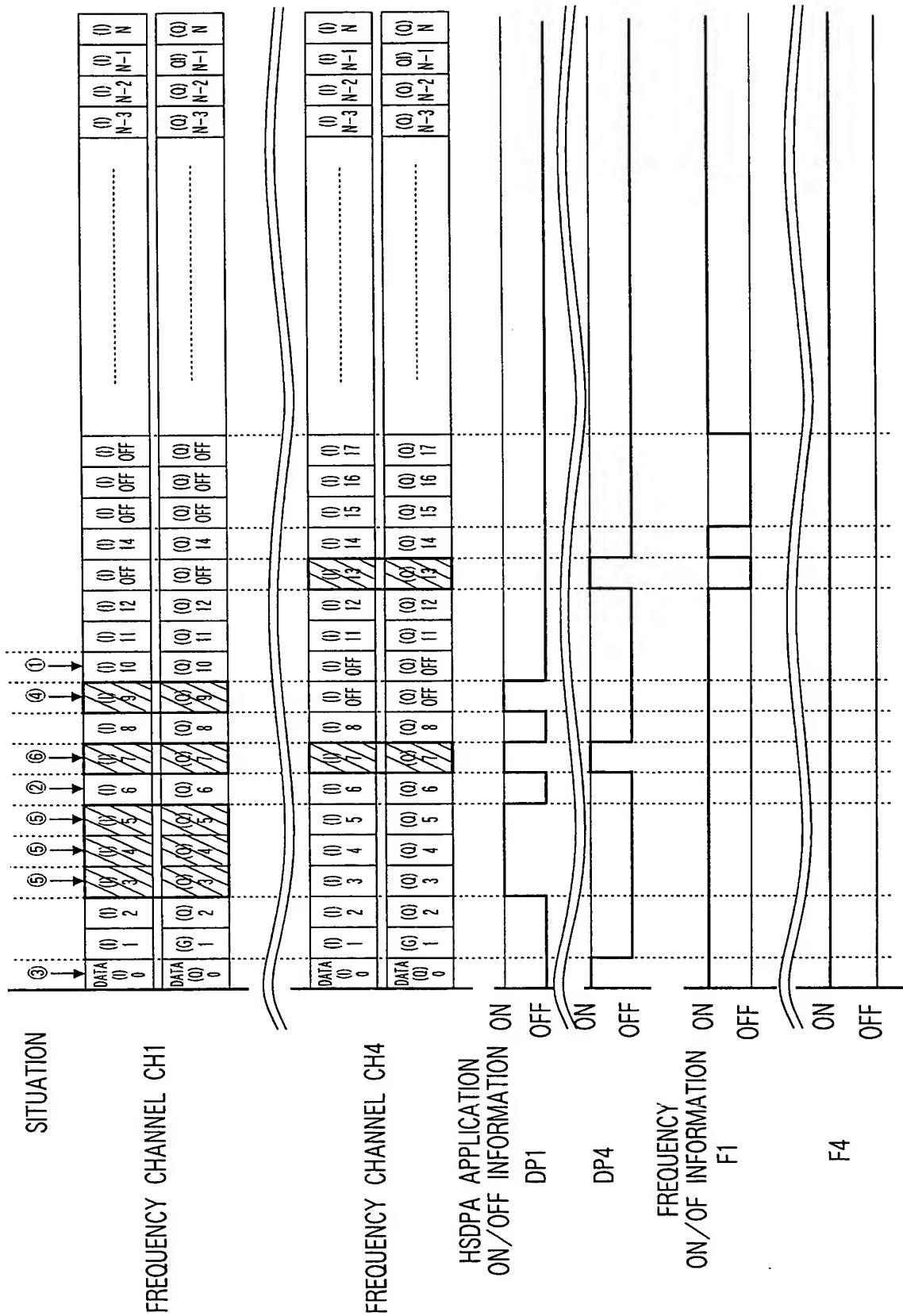


FIG.14A

PEAK VALUE	QUALITY OF TRANSMISSION SIGNAL
P2	GOOD
P1	NORMAL
P0	DETERIORATION

FIG.14B



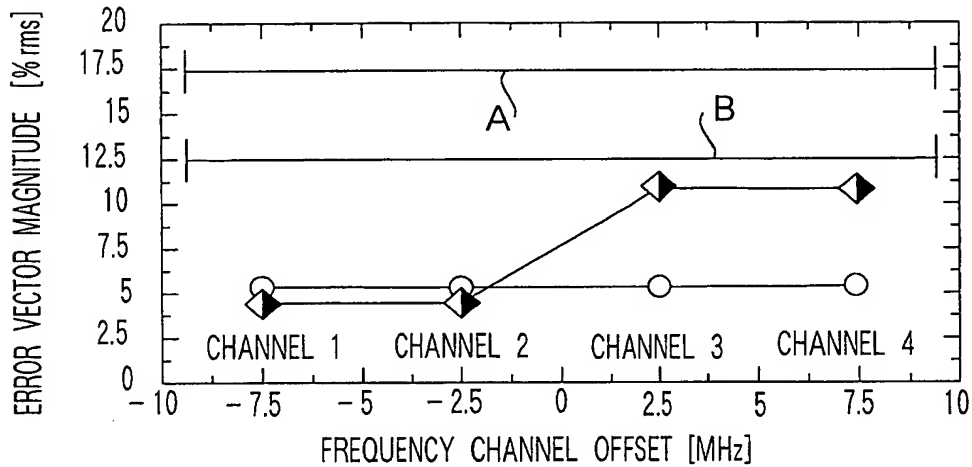
ROM ADDRESS										ROM DATA			
INDEX	DP1	DP2	DP3	DP4	F1	F2	F3	F4	P0	P1	P2	P4	
14	0	0	0	0	1	1	1	0	L3	L3	L3	NONE	①
15	0	0	0	0	1	1	1	1	L1	L1	L1	L1	②
31	0	0	0	1	1	1	1	1	L1	L1	L1	L2	③
142	1	0	0	0	1	1	1	0	L4	L3	L3	NONE	④
143	1	0	0	0	1	1	1	1	L2	L1	L1	L1	⑤
207	1	1	0	0	1	1	1	1	L2	L2	L1	L1	⑥
255	1	1	1	1	1	1	1	1	L2	L2	L2	L2	⑦

$$L2 > L1, L3 = L1 \times (4 / \sum F_n)^{1/2}, L4 = L2 \times (4 / \sum F_n)^{1/2}$$

SITUATION

- ① : A SINGLE FREQUENCY CHANNEL IS UNUSED (OFF) ALL CHANNELS DO NOT USE HSDPA
- ② : ALL FREQUENCY CHANNELS ARE USED (ON) ALL CHANNELS DO NOT USE HSDPA
- ③ : A SINGLE FREQUENCY CHANNEL IS USED (ON) ONE CHANNEL USES HSDPA
- ④ : A SINGLE FREQUENCY CHANNEL IS UNUSED (OFF) ONE CHANNEL USES HSDPA
- ⑤ : ALL FREQUENCY CHANNELS ARE USED (ON) ONE CHANNEL USES HSDPA
- ⑥ : ALL FREQUENCY CHANNELS ARE USED (ON) TWO CHANNELS USE HSDPA
- ⑦ : ALL FREQUENCY CHANNELS ARE USED (ON) ALL CHANNELS USE HSDPA

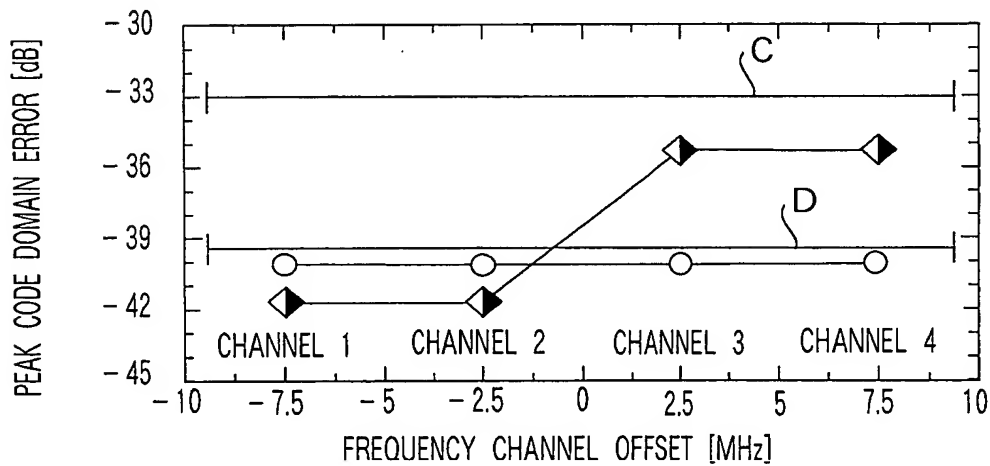
FIG.16



○ -7.5M(HSDPA) -2.5M(HSDPA) +2.5M(HSDPA) +7.5M(HSDPA)
 ◆ -7.5M(HSDPA) -2.5M(HSDPA) +2.5M(CAMR) +7.5M(CAMR)

A : ALLOWABLE UPPER LIMIT IN 3GPP R99 (STANDARD WHEN HSDPA IS NOT APPLIED)
 B : ALLOWABLE UPPER LIMIT IN 3GPP R5 (STANDARD WHEN HSDPA IS APPLIED)

FIG.17A



○ -7.5M(HSDPA) -2.5M(HSDPA) +2.5M(HSDPA) +7.5M(HSDPA)
 ◆ -7.5M(HSDPA) -2.5M(HSDPA) +2.5M(CAMR) +7.5M(CAMR)

C : ALLOWABLE UPPER LIMIT IN 3GPP R99 (STANDARD WHEN HSDPA IS NOT APPLIED)
 D : ALLOWABLE UPPER LIMIT IN 3GPP R5 (STANDARD WHEN HSDPA IS APPLIED)

FIG.17B

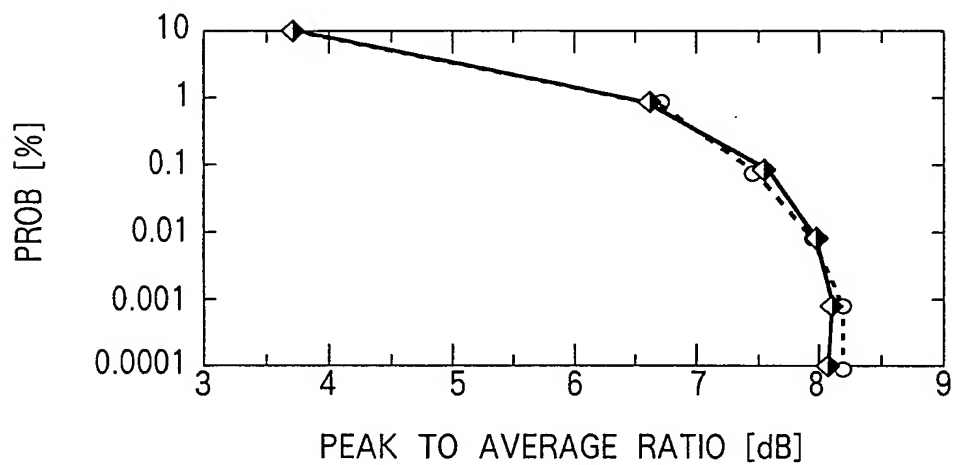


FIG.18A

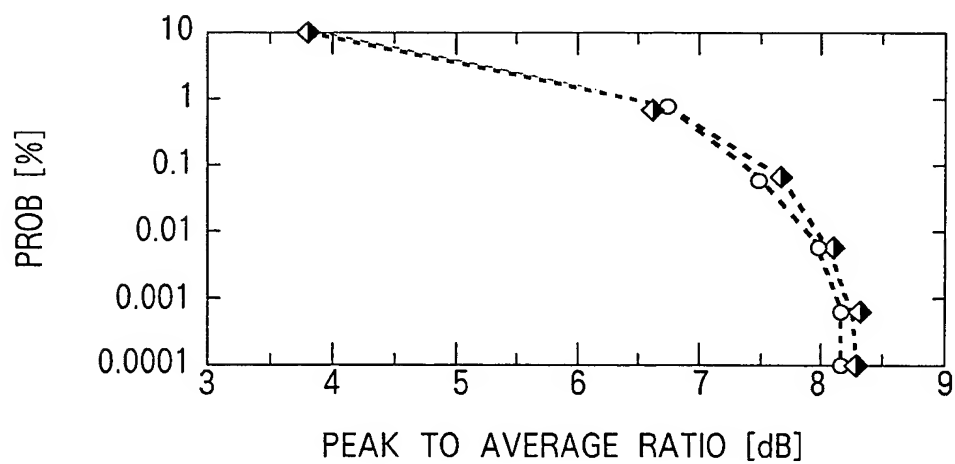


FIG.18B

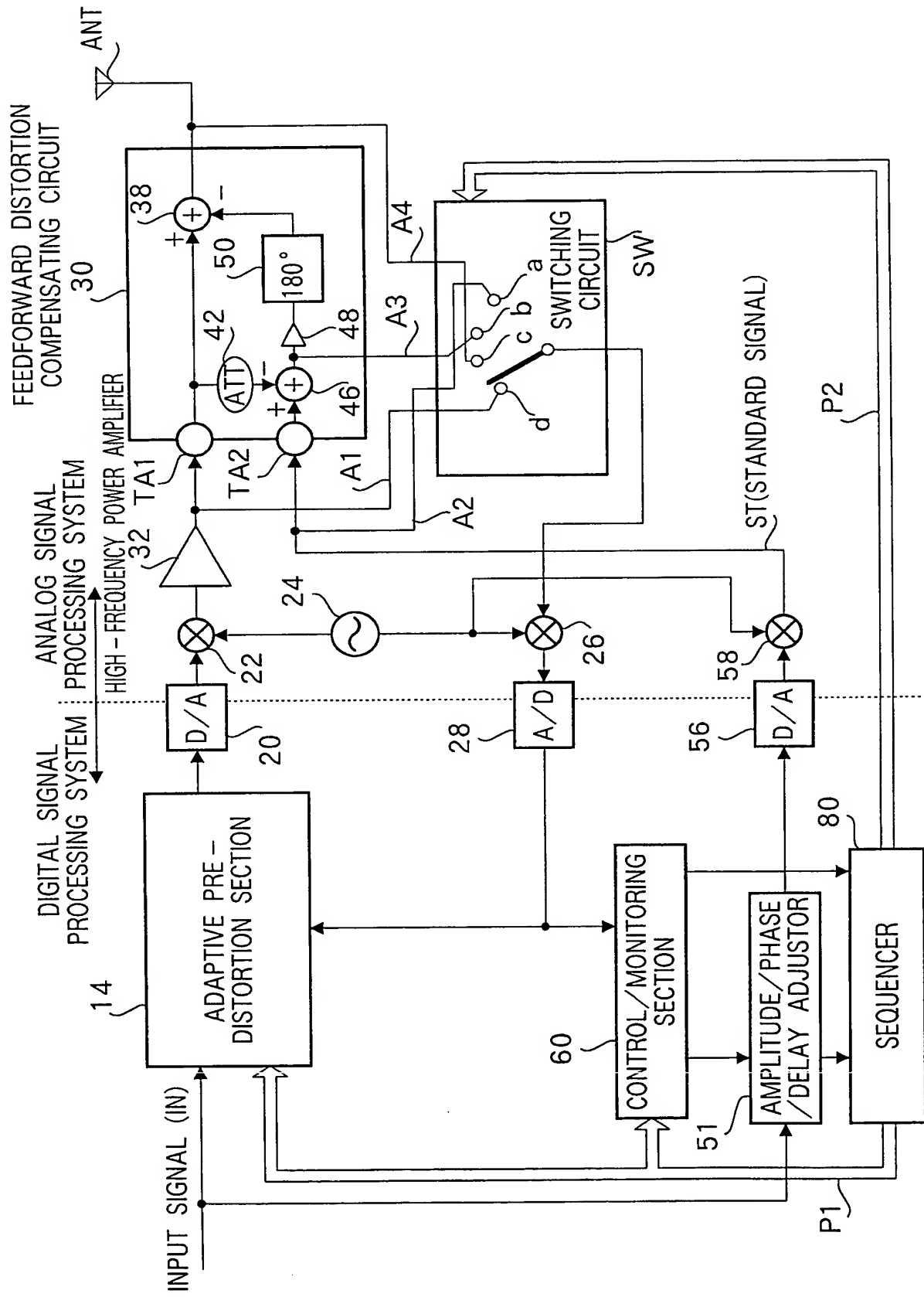


FIG.19

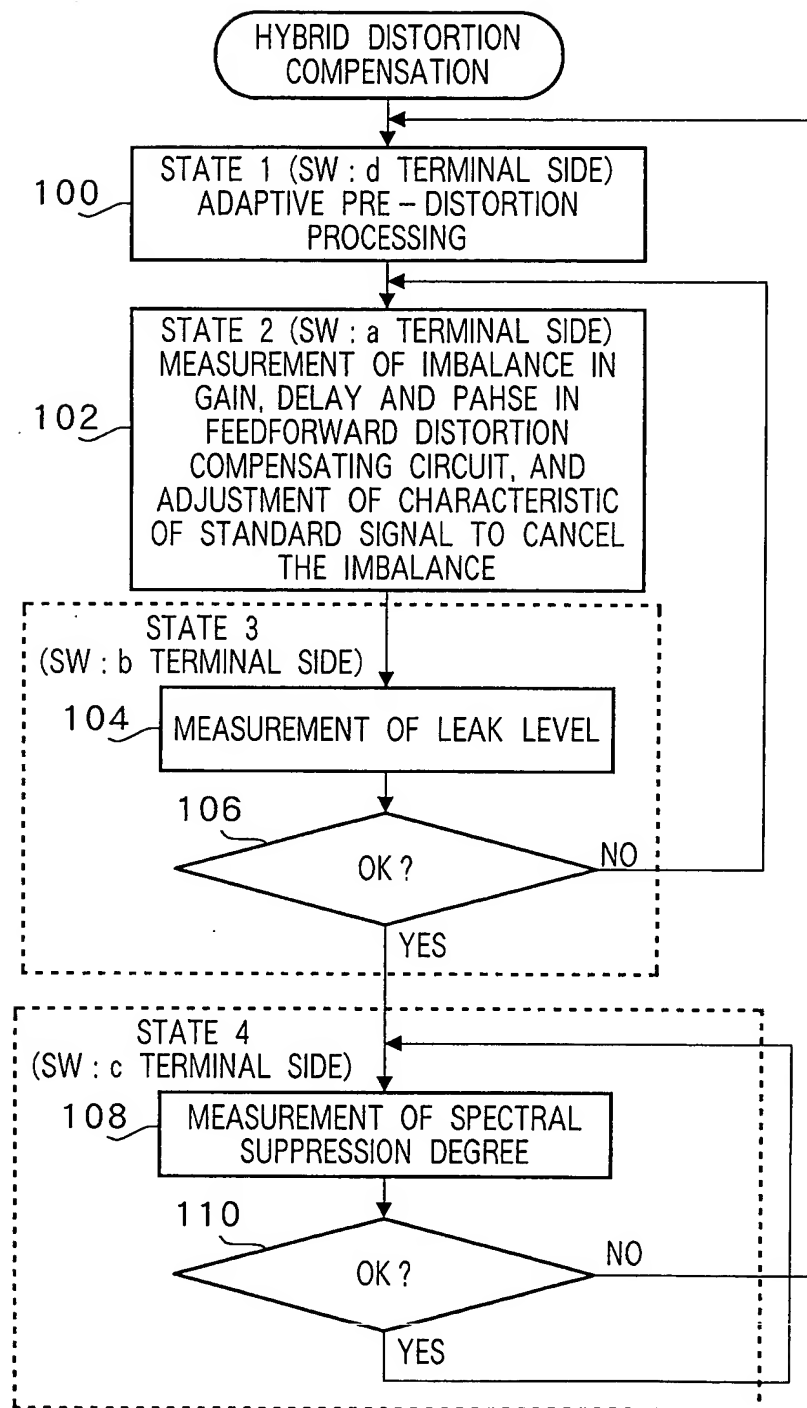


FIG.20

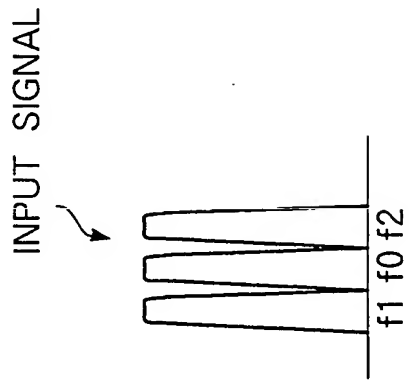


FIG. 21A

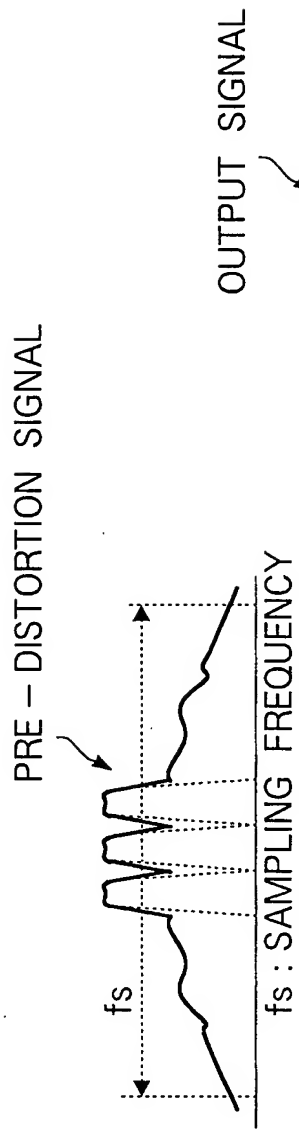


FIG. 21B

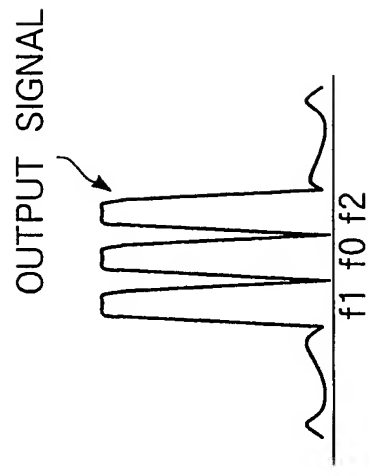


FIG. 21D

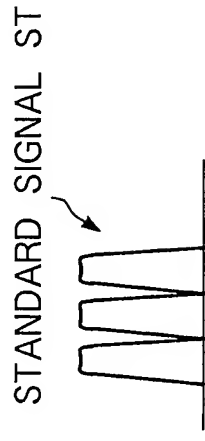


FIG. 21C

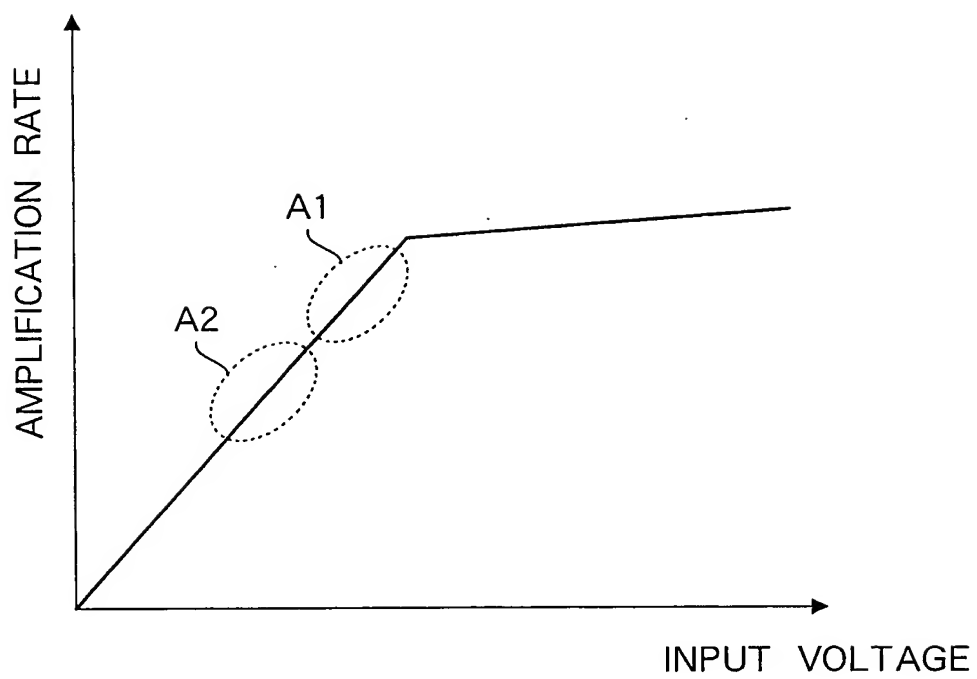


FIG.22